

Australian/New Zealand Standard™

**Glass beads for pavement-marking
materials**



Standards Australia



AS/NZS 2009:2002

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee CH-003, Paints and Related Materials. It was approved on behalf of the Council of Standards Australia on 1 March 2002 and on behalf of the Council of Standards New Zealand on 21 March 2002. It was published on 4 April 2002.

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Australian/New Zealand Standard™

Glass beads for pavement-marking materials

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PREFACE

This Standard was prepared by the Standards Australia Committee CH-003, Paints and Related Materials, under the direction of the Chemical Standards Board, to supersede AS 2009—1991, *Glass beads for road-markings materials*.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

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Glass beads for pavement-marking materials

1 SCOPE

This Standard specifies material and design requirements for silica glass beads with retroreflective properties, which are intended for use in road-marking materials. It applies to glass beads intended to improve the visibility of road-marking materials by reflecting the headlight beams of vehicles under night-time conditions.

NOTES:

- 1 Alternative methods of determining compliance with this Standard are given in Appendix A.
- 2 Guidance on sampling is given in Appendix B.
- 3 Additional information on the types of glass beads available for use with road-marking materials is given in Appendix C.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

- | | |
|--------|--|
| 1141 | Methods for sampling and testing soil aggregates |
| 1141.2 | Method 2: Basic testing equipment |
| 1152 | Specification for test sieves |
| 1199 | Sampling procedures and tables for inspection by attributes |
| 1399 | Guide to AS 1199—Sampling procedures and tables for inspection by attributes |
| 2162 | Verification and use of volumetric apparatus |
| 2162.1 | Part 1: General—Volumetric glassware |
| 2245 | Laboratory glassware—Filter funnels |
| 2700 | Colour standards for general purposes |
| 2854 | Tinplate cans for general use |

ISO

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| 9001 | Quality management systems—Requirements |
| 9004 | Quality management systems—Guidelines for performance improvements |

BS

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| 6088 | Specification for solid glass beads for use with road marking compounds and for other industrial uses |
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SAI

- | | |
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| HB.18 | Guidelines for third-party certification and accreditation |
| HB.18.28 | Guide 28 — General rules for a model third-party certification scheme for products |

3 DEFINITIONS

For the purpose of this Standard, the definitions below apply.

NOTE: See also Appendix C.